rocketfish™

Bluetooth 2.0 EDR Class II Wireless USB Adapter

RF-BTAPDT

User Guide

Rocketfish RF-BTAPDT Bluetooth® Wireless USB Adapter

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Introduction

Congratulations on your purchase of the RF-BTAPDT Bluetooth® adapter. This Bluetooth adapter lets you connect any wireless Bluetooth device to any computer that has an available USB port.

Features

- Supports Bluetooth devices
- Bluetooth specification v1.2 and v2.0 compliant
- Compatible with the following profiles:
  - Generic Access Profile (GAP)
  - Generic Object Exchange Profile (GOEP)
  - Serial Port Profile (SPP)
  - File Transfer Profile (FTP)
  - Object Push Profile (OPP)
  - Dial-up Networking Profile (DUN)

- Synchronization Profile (SYNC)
- Fax Profile (FAX)
- Personal Area Networking Profile (PAN)
- Human Interface Device Profile (HID)
- Headset/Audio Gateway Profile (HSP)
- Hardcopy Cable Replacement Profile (HCRP)
- Basic Imaging Profile (BIP)
- Basic Printing Profile (BPP)
- Generic Audio Video Distribution Profile (GAVDP)
- Advanced Audio Distribution Profile (A2DP)
- Audio Video Remote Control Profile (AVRCP)

Refer to the device's user guide for additional instructions and security codes.

Package contents

- Bluetooth® Wireless USB Adapter
- Installation CD
- User Guide

System requirements

- Intel® Pentium® processor (or equivalent)
- One available USB port (USB 2.0 or 1.1)
- CD drive
- Operating system: Microsoft® Windows® XP with Service Pack 1 or higher, or Microsoft® Windows® 2000

Using the Bluetooth adapter

Installing the Bluetooth software

This procedure assumes you're installing the software onto a Windows XP computer.

To install the Bluetooth software:

1. Plug the Bluetooth adapter into an available USB port on your computer. If you forget to connect the adapter to your computer before installing the software, a warning message will appear during the software installation.
2. Insert the provided installation CD into the CD drive on your computer. The Bluetooth installation program runs automatically, and the Welcome dialog box opens.

   If the program doesn't start automatically, open Windows Explorer and run the file **setup.exe** on the installation CD.
3. Click **Next**.
4. Read the agreement, **click I accept the terms in the license agreement**, then click **Next**. A dialog box opens that shows you where the program will be installed to.

WIDCOMM Bluetooth Software 5.1.0.1700
Destination Folder
Click Next to install to this folder, or click Change to install to a different folder.
Install WIDCOMM Bluetooth Software 5.1.0.1700 to:
C:\Program Files\WIDCOMM\Bluetooth Software\
Change...
< Back
Next >
Cancel

5. To install the program to a different location, click **Change**, then type the correct location.
6. Click **Next**.
7. Click **Install**. The program is installed.

8 When the "Driver Signature Notice" message appears, click **OK**.

Driver Signature Notice
Currently Microsoft does not have a certification program in place for Bluetooth devices. As a result, at this time it is not possible to provide certified drivers for Bluetooth devices. In the event that Microsoft implements a Windows Logo certification process for Bluetooth devices, signed drivers will be made available.
To avoid receiving several prompts for signed drivers during the installation process, select OK to disable unsigned driver warnings, and proceed with the installation. The default warning option will be re-enabled at the completion of the installation of the Bluetooth drivers. This option is an effort to provide the best customer experience while using this product. If you select Cancel, the installation will continue without disabling the warnings and you will be required to select Continue at each prompt to proceed with the installation.
OK
Cancel

9 If the "Bluetooth device not found" message appears, plug the Bluetooth adapter into an available USB port, then click **OK**.

Bluetooth device not found
No Bluetooth device was detected. Please make sure that your Bluetooth device is plugged in properly and click 'OK' to continue installation. Click 'Cancel' to continue installation without the Bluetooth device.
OK
Cancel

The Found New Hardware Wizard installs software for the USB Bluetooth adapter. Installation may take several minutes.

Setting up the Bluetooth software

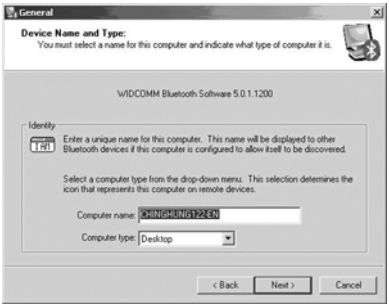
To configure the Bluetooth software:

1 Double-click **My Bluetooth Places** on the Windows desktop, or click the **Bluetooth** icon in the system tray.

The Initial Bluetooth Configuration Wizard starts.

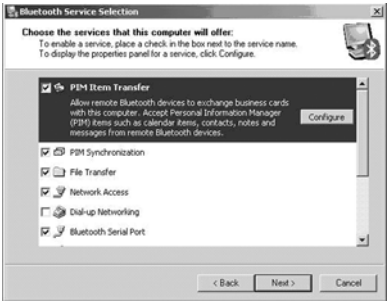
2 Click **Next**.

3 Enter a name, then and click either **Laptop Computer** or **Desktop Computer** from the drop-down menu for this computer.


General
Device Name and Type:
You must select a name for this computer and indicate what type of computer it is.
WIDCOMM Bluetooth Software 5.0.1.1200
Identity
Enter a unique name for this computer. This name will be displayed to other Bluetooth devices if this computer is configured to allow itself to be discovered.
Select a computer type from the drop-down menu. This selection determines the icon that represents this computer on remote devices.
Computer name: CHINGHUNG122EN
Computer type: Desktop
< Back
Next >
Cancel

4 Click **Next**, then click **Next** again.

5 Click to select the services that this computer will offer to other Bluetooth devices, then click **Next**.


Bluetooth Service Selection
Choose the services that this computer will offer:
To enable a service, place a check in the box next to the service name.
To display the properties panel for a service, click Configure.
PIM Item Transfer
Allow remote Bluetooth devices to exchange business cards with this computer. Accept Personal Information Manager (PIM) items such as calendar items, contacts, notes and messages from remote Bluetooth devices.
Configure
PIM Synchronization
File Transfer
Network Access
Dial-up Networking
Bluetooth Serial Port
< Back
Next >
Cancel

6 If you have another Bluetooth device, click **Next**. Otherwise, click **Skip**.

7 When the configuration is done, click **Finish**.

8 Insert the Bluetooth adapter into your computer, and wait for the adapter's LED to turn blue before connecting to any Bluetooth device.

Connecting to a Bluetooth mouse or keyboard

Before the Bluetooth mouse or keyboard pairing, make sure the following:

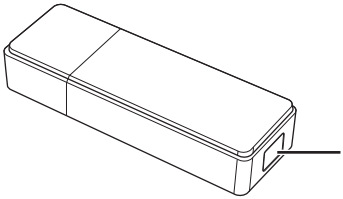
1 Make sure that the Bluetooth software has been installed and configured according to the instructions in this guide.

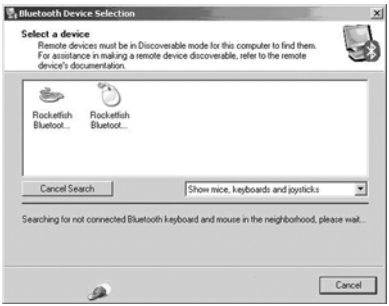
2 Make sure that the batteries for the mouse or keyboard have been correctly installed and are fully charged.

3 Make sure that the USB Bluetooth adapter has been plugged into your computer.

4 If you are connecting a mouse, turn on the mouse power. See the mouse's user guide for instructions.

5 Press the **Connect** button on the mouse or keyboard, then press the Bluetooth adapter's Connect button until the adapter's LED flashes blue and the following screen appears.




Bluetooth Device Selection
Select a device
Remote devices must be in Discoverable mode for this computer to find them. For assistance in making a remote device discoverable, refer to the remote device's documentation.
Rocketfish Bluetoot...
Rocketfish Bluetoot...
Cancel Search
Show mice, keyboards and joysticks
Searching for not connected Bluetooth keyboard and mouse in the neighborhood, please wait...
Cancel

The software starts the search.

6 If the following message appears, no Bluetooth mouse or keyboard was found.

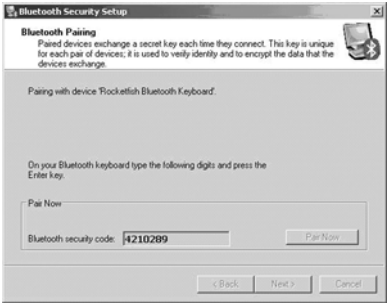
No Bluetooth keyboard or mouse was found
If you want to setup connection with Bluetooth keyboard or mouse make sure that the device is ready to connect. You may have to push Connect button on the back of the device. A new search will automatically start shortly.
Cancel: 13

Make sure that you have pressed the **Connect** button on the device to make it able to be seen by the computer. If you are trying to connect a mouse, make sure it is turned on. The search starts again in a few seconds.

7 When a Bluetooth mouse is detected and the following confirmation message appears, click to confirm that the mouse is connected.

Confirmation Required
Connection with 'Rocketfish Bluetooth Mouse' has been established successfully.
To confirm that the correct mouse is being connected, please use it to click the button below.
Click here: 56

8 When a Bluetooth keyboard is detected and the following Security Setup screen appears, use the connected Bluetooth keyboard to type the digits shown on the screen, then press **Enter**. The keyboard is connected.


Bluetooth Security Setup
Bluetooth Pairing
Paired devices exchange a secret key each time they connect. This key is unique for each pair of devices; it is used to verify identity and to encrypt the data that the devices exchange.
Pairing with device 'Rocketfish Bluetooth Keyboard'.
On your Bluetooth keyboard type the following digits and press the Enter key.
Pair Now
Bluetooth security code:
4210289
Pair Now
< Back
Next >
Cancel

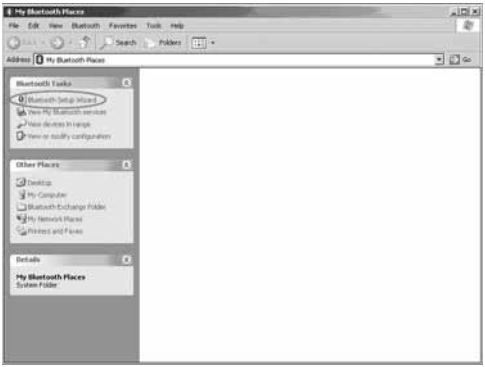
***Note**: The Bluetooth security code is randomly generated each time.*

Connecting other Bluetooth devices

To connect Bluetooth devices such as printers, modems, and PDAs:

1 See the guide that came with your Bluetooth device for instructions on making them able to be seen by the computer (in "discoverable mode"). Often this involves just turning on the device and pressing a **Connect** button.

2 Double-click **My Bluetooth Places** on the Windows desktop, or click the **Bluetooth** icon in the system tray. The My Bluetooth Places screen opens.



3 Click **Bluetooth Setup Wizard**, then follow the on-screen instructions.

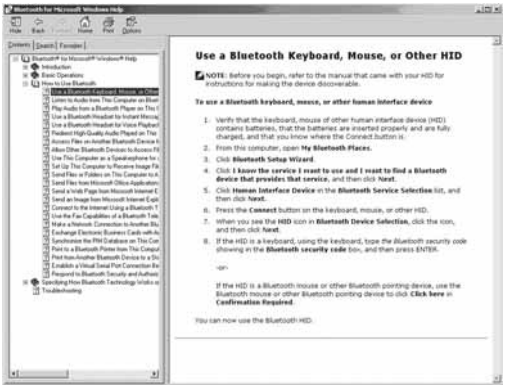
Troubleshooting

If you experience problems connecting a Bluetooth device:

1 For detailed connection settings, double-click **My Bluetooth Places** on the Windows desktop or click the **Bluetooth** icon in the system tray. The My Bluetooth Places screen opens.

2 Click **Help**, then click **Bluetooth Help Topics**. The Bluetooth Help file opens.

3 Click **Bluetooth for Microsoft Windows Help**, then click **How to Use Bluetooth**. A list of devices and tasks appears, where you can find detailed instructions for many types of device connections.


Bluetooth for Microsoft Windows Help
Use a Bluetooth Keyboard, Mouse, or Other HID
NOTE: Before you begin, refer to the manual that came with your HID for instructions for making the device discoverable.
To use a Bluetooth keyboard, mouse, or other human interface device
1. Verify that the keyboard, mouse of other human interface device (HID) contains batteries, that the batteries are inserted properly and are fully charged, and that you know where the Connect button is.
2. From this computer, open My Bluetooth Places.
3. Click Bluetooth Setup Wizard.
4. Click I know the service I want to use and I want to find a Bluetooth device that provides that service, and then click Next.
5. Click Human Interface Device in the Bluetooth Service Selection list, and then click Next.
6. Press the Connect button on the keyboard, mouse, or other HID.
7. When you see the HID icon in Bluetooth Device Selection, click the icon, and then click Next.
8. If the HID is a keyboard, using the keyboard, type the Bluetooth security code showing in the Bluetooth security code box, and then press ENTER.
-or-
If the HID is a Bluetooth mouse or other Bluetooth pointing device, use the Bluetooth mouse or other Bluetooth pointing device to click Click here in Confirmation Required.
You can now use the Bluetooth HID.

Legal notices

FCC Part 15

This device complies with Part 15 of the FCC Rules. Operation of this product is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply within the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

FCC warning

Changes or modifications not expressly approved by the party responsible for compliance with the FCC Rules could void the user's authority to operate this equipment.

RSS 310 statement

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

Canada ICES-003 statement

This Class B digital apparatus complies with Canadian ICES-003.

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